

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1 – 36 (Canceled)

37. (Presently amended) ~~A~~ **An isolated or purified** polypeptide comprising an amino acid sequence having

(a) the full length amino acid sequence set forth in SEQ ID NO:5, SEQ ID NO:6, or SEQ ID NO:7;

(b) the full length amino acid sequence of the sequence set forth in SEQ ID NO:5, SEQ ID NO:6, or SEQ ID NO:7, except that it lacks one or more of the following segments of amino acid residues: 1-187 and 421-426 of SEQ ID NO:5, 44-80 and 458-463 of SEQ ID NO:6, or 1-87 and 406-412 of SEQ ID NO:7, wherein said polypeptide has tyrosine phosphatase activity;

(c) the amino acid sequence set forth in SEQ ID NO:5, SEQ ID NO:6, or SEQ ID NO:7 from amino acid residues 188-420 of SEQ ID NO:5, 225-457 of SEQ ID NO:6, or 188-405 of SEQ ID NO:7, wherein said polypeptide has tyrosine phosphatase activity; or

(d) the full length amino acid sequence set forth in SEQ ID NO:5, SEQ ID NO:6, or SEQ ID NO:7 except that it lacks one or more of the domains selected from the group consisting of an N-terminal domain and C-terminal domain, wherein said polypeptide has tyrosine phosphatase activity.

38. (Presently Amended) ~~A~~ **An isolated or purified** polypeptide comprising an amino acid sequence having the full length amino acid sequence set forth in SEQ ID NO:5, SEQ ID NO:6, or SEQ ID NO:7.

39. (Previously Presented) ~~A~~ **The isolated or purified** polypeptide of claim 38, except that it lacks one or more of the following segments of amino acid residues: 1-187 and

421-426 of SEQ ID NO:5, 44-80 and 458-463 of SEQ -ID NO:6, or 1-87 and 406-412 of SEQ ID NO:7, wherein said polypeptide has tyrosine phosphatase activity.

40. (Presently Amended) ~~A~~ **The isolated or purified** polypeptide of claim 38, except that it lacks one or more of the domains selected from the group consisting of an N-terminal domain and C-terminal domain, wherein said polypeptide has tyrosine phosphatase activity.

41. (Presently Amended) ~~A~~ **An isolated or purified** polypeptide comprising an amino acid sequence having from amino acid residues 188-420 of SEQ ID NO:5, 225-457 of SEQ ID NO:6, or 188-405 of SEQ ID NO:7, wherein said polypeptide has tyrosine phosphatase activity.